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| U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE   |  | DATE: 9 March 2005 (9.03.2005)                           |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371   |  | U.S. APPL. NO. (if known)<br>Not Yet Assigned 10/527055  |
| INTERNATIONAL APPLICATION NO.: PCT/EP2003/009923   | INTERNATIONAL FILING DATE: 8 September 2003 (08.09.2003) | PRIORITY DATE CLAIMED: 13 September 2002 (13.09.2002) DE |
| TITLE OF INVENTION: METHOD FOR DETECTING BIOMOLECULES  |  |  |
| APPLICANT(S) FOR DO/EO/US: NORDHEIM, Alfred; KAMMER, Winfried; WEISS, Stefanie; VUONG, Giang   |  |  |
| Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |  |  |
| <p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 USC 371(f)) The submission must include items(5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):</p> <p>a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</p> <p>b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input checked="" type="checkbox"/> A English translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).</p> <p>b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) as provided in the PCT Request.</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p><b>ITEMS 11 to 20 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:</b></p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter2 and 35 USC 1821 - 1825</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 USC 154(d)(4)</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC 154(d)(4)</p> <p>20. <input checked="" type="checkbox"/> Other items or information:</p> <p>TRANSMITTAL FORM; FEE CALCULATION; INTERNATIONAL PUBLICATION WO 2004/027091 A1 WITH INTERNATIONAL PUBLICATION DATE OF 1 APRIL 2004 WITH SEARCH REPORT (IN GERMAN) WITH VERIFIED ENGLISH TRANSLATION WHICH CONSISTS OF 26 PAGES INCLUDING 1 PAGE COVER SHEET; 15 PAGES TEXTUAL SPECIFICATION, 4 PAGE S OF 24 CLAIMS, 6 SHEETS OF DRAWINGS; PRELIMINARY AMENDMENT WITH ATTACHMENT A TO BE EXAMINED; UNEXECUTED INVENTOR'S DECLARATION; INFORMATION DISCLOSURE STATEMENT; PTO FORM 1449 WITH 5 REFERENCES; PCT REQUEST; FORM PCT/IB/304 NOTIFICATION CONCERNING SUBMISSION OR TRANSMITTAL OF PRIORITY DOCUMENT.</p> |  |  |

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| U.S. APPLICATION NO.<br>(if known) not yet assigned<br><b>10/527055</b> | INTERNATIONAL APPLICATION NO.<br>PCT/EP2003/009923 | DATE: 9 March 2005 (9.03.2005) |
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| 21. <u>x</u> The following fees are submitted:<br><br>Basic National Fee (37 CFR 1.492(a)(1)-(5):<br>Examination Fee, Search Fee, and Filing Fee<br><br><br><br><br><br><br><br><br><br>ENTER APPROPRIATE BASIC FEE AMOUNT = | <u>CALCULATIONS</u><br><br>\$ 1,000.00<br><br><br><br><br><br><br><br><br><br>\$ 1,000.00 | <u>PTO USE ONLY</u> |
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| Surcharge of \$130.00 for furnishing the oath or declaration later than ___ 20 ___ 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | \$ |  |
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| CLAIMS  | NO. FILED | NO. EXTRA | RATE        |               |          |
|---|-----------|-----------|-------------|---------------|----------|
| TOTAL   | 22 -20=   | 2         | X \$ 50.00  | \$            | 100.00   |
| INDEPENDENT   | 2 - 3=    | 0         | X \$ 200.00 | \$            | 0.00     |
| Multiple dependent claims(s) (if applicable)  |           |           | + \$280.00  | \$            | 0.00     |
| TOTAL OF ABOVE CALCULATIONS =   |           |           |             | \$            | 1,100.00 |
| Reduction by ½ for asserting small entity, if applicable.<br>(Note 37 CFR 1.9, 1.27, 1.28).   |           |           |             | \$            | 550.00   |
| SUBTOTAL =  |           |           |             | \$            | 550.00   |
| Processing fee of \$130.00 for furnishing the English translation later than ___ 20 ___ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).                |           |           |             | \$            | 0.00     |
| TOTAL NATIONAL FEE =  |           |           |             | \$            | 550.00   |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31).<br>\$40.00 per property + |           |           |             | \$            | 0.00     |
| TOTAL FEES ENCLOSED =   |           |           |             | \$            | 550.00   |
|   |           |           |             | Amount to be: |          |
|   |           |           |             | refunded      | \$       |
|   |           |           |             | charged       | \$       |

ATTORNEY'S DOCKET NO: 26653U

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| U.S. APPLICATION NO.<br>(if known) not yet assigned<br><br><b>10/527055</b> | INTERNATIONAL APPLICATION NO.<br><br>PCT/EP2003/009923 | DATE: <u>9</u> March 2005 ( <u>9</u> 03.2005) |
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a. ☒ One check in the amount of \$ 550.00 to cover the above fees are enclosed.

b. ☐ Please charge my Deposit Account No. 14-0112 in the amount of \$ \_\_\_\_\_ to cover the above fees. (A duplicate copy of this sheet is enclosed.)

c. ☒ The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment to Deposit Account No. 14-0112.

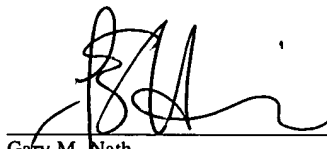
d. Fees are to be charged to a credit card ☐ WARNING: Information on this form may become public ☐ Credit Card Information should not be included on this form. ☐ Provide credit card information and authorization on PTO-2038

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

Send All Correspondence To:

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 Gary M. Nath  
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 Registration No. 52,993  
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

NORDHEIM et al.

International Application No. PCT/EP2003/009923

Serial No. NOT YET ASSIGNED

International Filing Date: 8 September 2003(08.09.2003)

Filed: March 9, 2005For: **METHOD FOR DETECTING BIOMOLECULES**TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


Sir:

Submitted herewith for filing in the U.S. Patent and  
Trademark Office is the following:

- (1) Transmittal Letter;
- (2) Transmittal Letter To U.S. Designated/Elected Office  
(DO/EO/US) Concerning Filing under 35 U.S.C. 371
- (3) International Publication No: WO 2004/027091 A1;  
International Publication Date: 1 April 2004 (01.04.2004)  
with International Search Report (in German) with verified  
English translation which consists of 26 pages including:
  - 1 page cover sheet,
  - 15 pages Textual Specification,
  - 4 pages of 24 claims,
  - 6 sheets of Drawings;
- (4) **Preliminary Amendment with Attachment A to be examined;**
- (5) Unexecuted Inventor's Declaration;
- (6) Information Disclosure Statement;
- (7) PTO Form 1449 with 5 references;
- (8) PCT Request;
- (9) Form PCT/IB/304 Notification Concerning Submission or  
Transmittal of Priority Document;
- (10) Check No. 22715 \$ 550.00 for Government Filing Fee and  
additional claims fee;
- (11) Postcard for early notification of serial number.

Respectfully submitted,  
**NATH & ASSOCIATES PLLC**

By:

  
\_\_\_\_\_  
Gary M. Nath  
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Tanya E. Harkins  
Registration No. 52,993  
Customer No. 20529

Date: March 9, 2005  
NATH & ASSOCIATES PLLC  
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GMN/TEH/ng/PCT.NATLphase.JLM

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. :

U.S. National Serial No. :

Filed :

PCT International Application No. : PCT/EP2003/009923

VERIFICATION OF A TRANSLATION

I, the below named translator, hereby declare that:

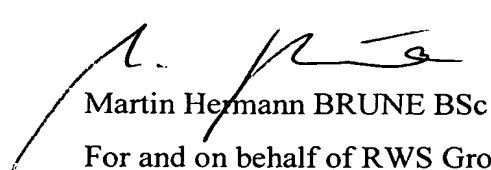
My name and post office address are as stated below;

That I am knowledgeable in the German language in which the below identified international application was filed, and that, to the best of my knowledge and belief, the English translation of the international application No. PCT/EP2003/009923 is a true and complete translation of the above identified international application as filed.

I hereby declare that all the statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the patent application issued thereon.

Date: February 25, 2005

Full name of the translator :



Martin Hermann BRUNE BSc MSc PhD,  
For and on behalf of RWS Group Ltd

Post Office Address :

Europa House, Marsham Way,  
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